

Abstract**Operating method for a high-pressure discharge lamp**

The invention relates to an operating method for a high-pressure discharge lamp having a light-transmissive discharge vessel (1), which surrounds a discharge space (10) having an essentially cylindrical geometry, in which electrodes (2, 3) and an ionizable filling are arranged for the purpose of generating a light-emitting gas discharge, the aspect ratio being greater than 0.86. According to the invention, the high-pressure discharge lamp is operated using an essentially sinusoidal current at a predeterminable frequency which is in a frequency range above 30 kilohertz and which is free of acoustic resonances.

Figure